



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Naturalite Skylight Systems
750 Airport Road.
Terrell TX 75160

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida building Code including the High Velocity Hurricane Zone.

DESCRIPTION: Curb Mount and Self Flashing Skylight

APPROVAL DOCUMENT: Drawing No. HRDADE, titled "HR Hurricane Resistant Skylight, HRL, HRLDD, HRA, & HRADD ", sheets No 1 to 7 of 7, prepared by Naturalite Skylight Systems. dated 10/16/03 with no revision bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large & Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein and the dome shall be properly marked by Optix Acrylic Manufactured.

RENEWAL of this NOA shall not be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

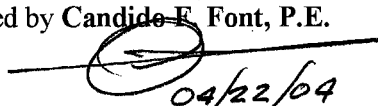
TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 03-0519.03 it consists of this page, evidence page and approval document mentioned above

The submitted documentation was reviewed by ~~Candido F. Font~~, P.E.


04/22/04



NOA No. 04-0302.01
Expiration Date: March 22, 2009
Approval Date: April 22, 2004
Page 1

Naturalite Skylight Systems.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWING

1. Drawing No. HRDADE, sheets 1 through 7 of 7, titled "HR Hurricane Resistant Skylight, HRL, HRLDD, HRA & HRADD", prepared by Naturalite Skylight Systems, dated 10/16/03, with no revisions, signed and sealed by D. S. Barron, P.E.

B. TESTS

1. Test report on Large Missile Impact Test and Cyclic Load Test on "Specimen 4 HRADD, Specimen 5 HRA", prepared by Hurricane Test Laboratory, Inc., report No. 0142-0413-02 issued on 04/16&17/02, signed and sealed by V. J. Abraham, P.E.
2. Test report on Uniform Static Air Pressure Test on "Specimen 1 HRA", prepared by Hurricane Test Laboratory, Inc., report No. 0142-0413-02(1), issued on 04/15-10/02, signed and sealed by V. J. Abraham, PE.
3. Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static Air Pressure Test on "Specimen 2 & 3 HRLDD", prepared by Hurricane Test Laboratory, Inc, report No. 0142-0413.02, issued on 04/16-17/02, signed and sealed by V. J. Abraham PE.

B. CALCULATIONS

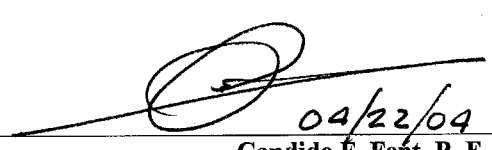
1. Anchor Calculation, sheets 1 and 2, dated 10/24/03 prepared by D. S. Barron, signed and sealed by D. S. Barron, PE.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 02-0719.09, issued to Rmax, Inc, on 08/22/02, expiring on 07/08/07.
2. Notice of Acceptance No. 03-0520.05, issue to Plaskolite, Inc., on 10/02/03, expiring on 06/26/2004.


E. STATEMENTS

1. Test compliance letter issue by D. S. Barron, on 10/29/03, signed and sealed by D. S. Barron, PE.
2. Letter of No-Financial interest issue by Barron Consulting Engineering, on 08/17/00, signed by D. S. Barron, PE and notarized by J. A. Soles on 08/17/00.
3. No change letter issued by Naturalite Skylight Systems on 03/16/04 and signed by R. Heather

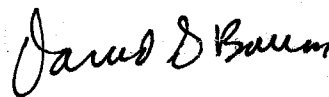


Candido F. Font, P. E.
Senior Product Control Examiner
NOA No. 04-0302.01
Expiration Date: March 22, 2009
Approval Date: April 22, 2004

HURRICANE RESISTANT SKYLIGHTS
FOR DADE COUNTY, FLORIDA

HRL - CURB MOUNT - SINGLE DOME
HRLDD - CURB MOUNT - DOUBLE DOME
HRA - SELF FLASHING - SINGLE DOME
HRADD - SELF FLASHING - DOUBLE DOME

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 04-0302.01
Expiration Date 03/22/09
By 
Miami Dade Product Control
Division

David S Barron
21 Dartmouth Drive
Greensburg, PA 15601
License # 36374

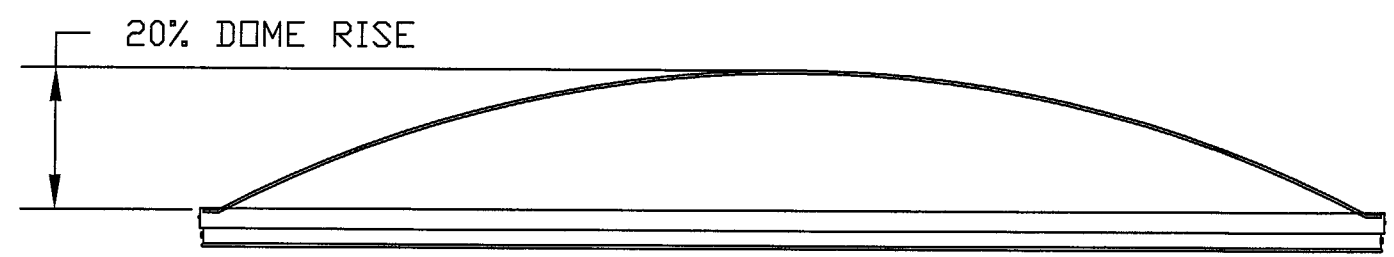
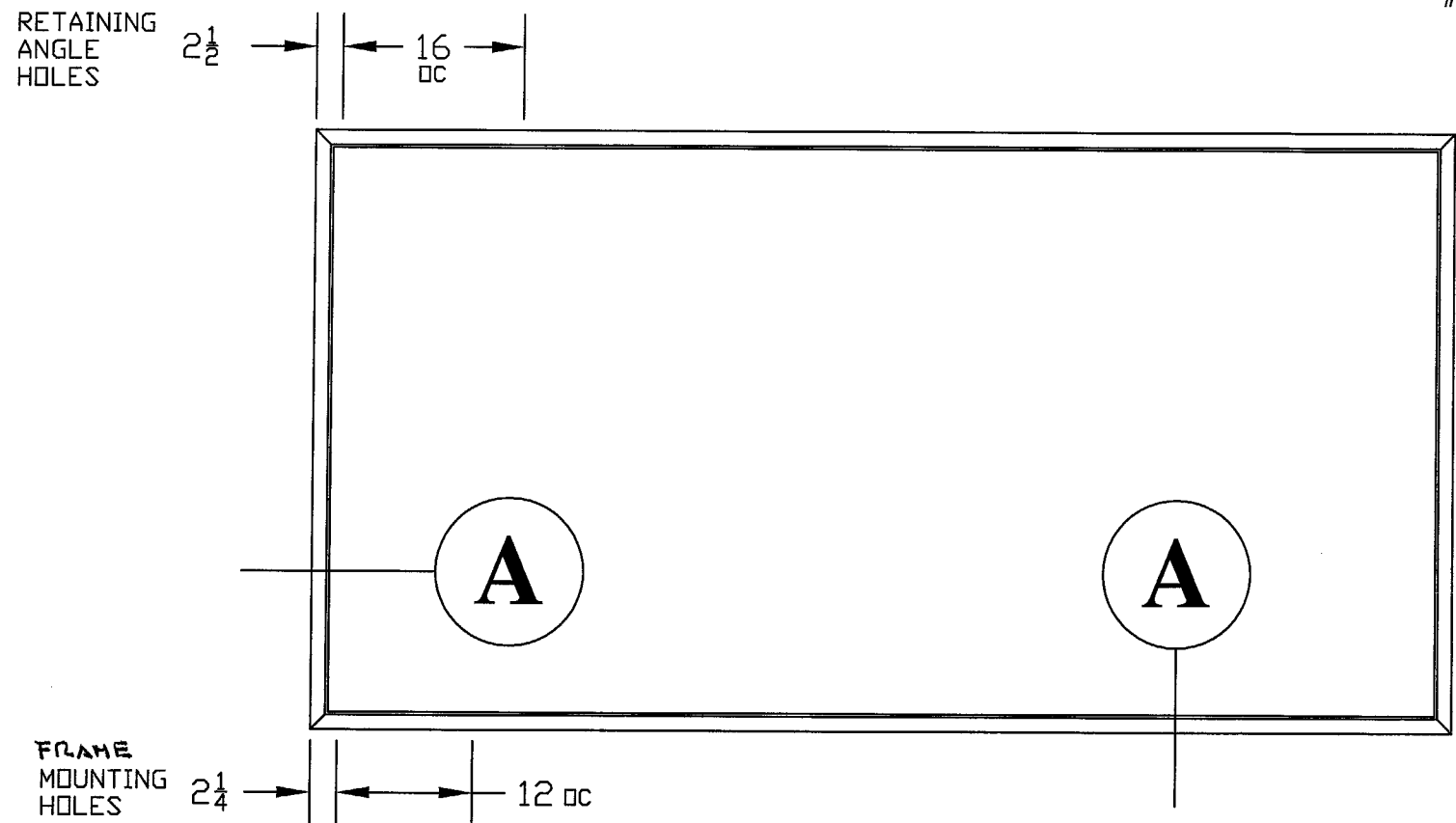
| | |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  10-29-03 | PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 03-0519.03 Expiration Date 03/22/09 By  Miami Dade Product Control Division |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| | | | | | |
|---------------------|-----------|------|----------------------------------------|----------------------------------------------------------------------------------------------|----------|
| DATE: 10-16-03 | | | HR HURRICANE RESISTANT SKYLIGHT | NATURALITE SKYLIGHT SYSTEMS 750 AIRPORT ROAD • TERRELL, TX 75160 • 972-551-6400 | SHEET: 1 |
| DRAWN BY: REH | | | | | OF: 7 |
| DRAWING NO.: HRDADE | REVISIONS | DATE | | | |

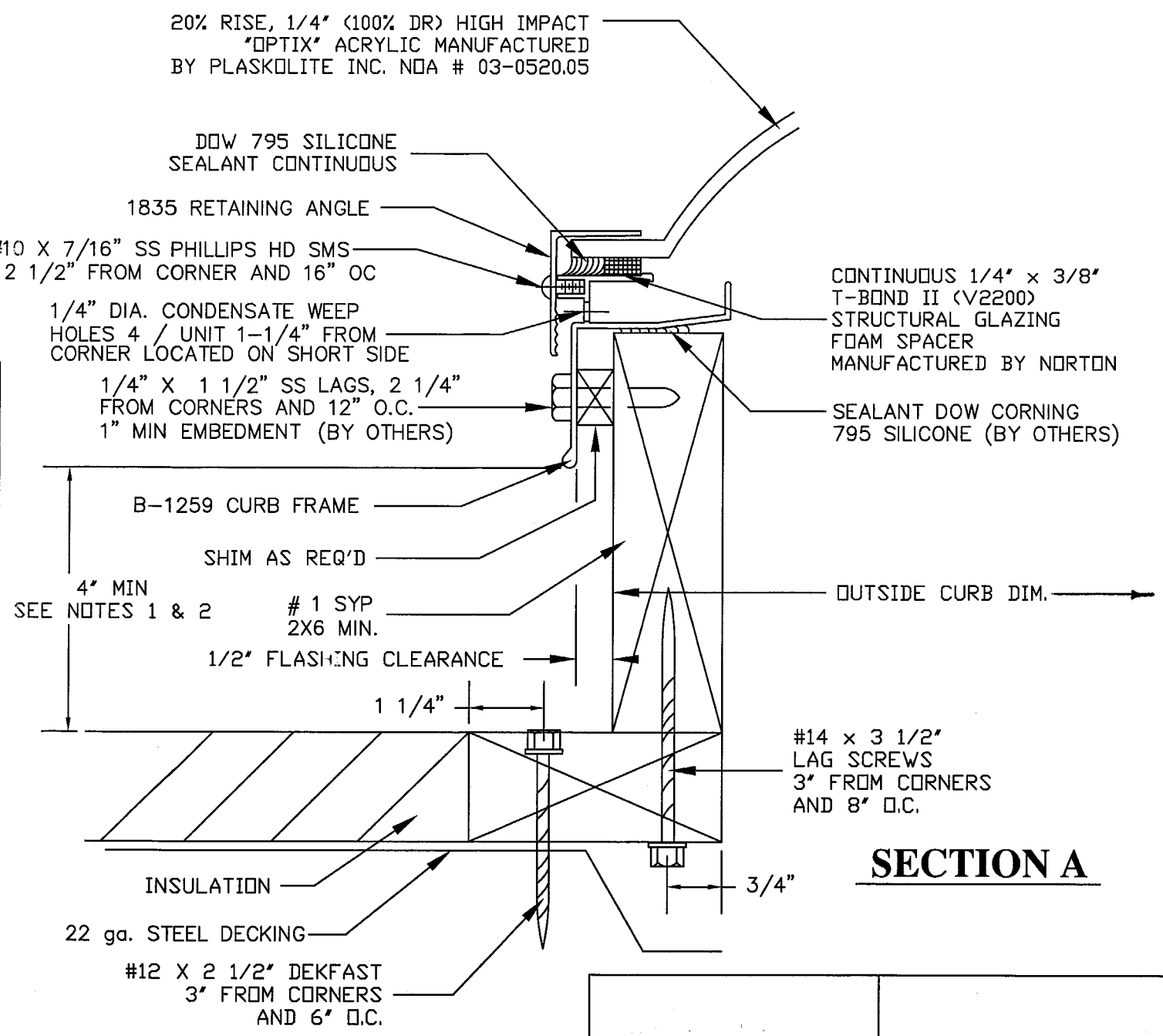
| STOCK NUMBER | OUTSIDE CURB DIMENSIONS | | |
|----------------------|-------------------------|---|-----|
| HRL 8399 | 83" | X | 99" |
| DESIGN PRESSURES | | | |
| +20 | | | |
| -60 | | | |
| LARGE MISSILE IMPACT | | | |

GENERAL NOTES

- 1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE.
- 2) 4" MINIMUM DISTANCE IS REQUIRED FROM ANGLE LIP TO ROOF SURFACE IS FOR SHINGLE OR B.U.R. WITHOUT INSULATION. FOR INSULATION AND TILE ROOF ADD TILE HEIGHT AND INSULATION THICKNESS TO 4" MINIMUM HEIGHT.
- 3) ANCHORS TO BE MADE OF NON-CORROSIVE MATERIAL, COMPATIBLE WITH ALUMINUM.



HRL



SECTION A

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 04-0302.01
Expiration Date 03/22/09
By [Signature]
Miami Dade Product Control
Division

David S Barron
21 Dartmouth Drive
Greensburg, PA 15601
License # 36374

10.29.03

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-0519.03
Expiration Date 03/22/09
By [Signature]
Miami Dade Product Control
Division

| STOCK NUMBER | OUTSIDE CURB DIMENSIONS | | |
|----------------------|-------------------------|---|-----|
| HLDD 8399 | 83" | X | 99" |
| DESIGN PRESSURES | | | |
| +20 | | | |
| -60 | | | |
| LARGE MISSILE IMPACT | | | |

GENERAL NOTES

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- 3) ANCHORS TO BE MADE OF NON-CORROSIVE MATERIAL, COMPATIBLE WITH ALUMINUM.

20% RISE 1/4" (100% DR) HIGH IMPACT "OPTIX" ACRYLIC MANUFACTURED BY PLASKOLITE INC. NOA # 03-0520.05

1/8" (100% DR) HIGH IMPACT "OPTIX" ACRYLIC MANUFACTURED BY PLASKOLITE INC. NOA # 03-0520.05

DOW 795 SILICONE SEALANT CONTINUOUS

1835 RETAINING ANGLE

#10 X 7/16" SS PHILLIPS HD SMS
2 1/2" FROM CORNER AND 16" OC

1/4" DIA. CONDENSATE WEEP HOLES 4 / UNIT 1-1/4" FROM CORNER LOCATED ON SHORT SIDE

1/4" X 1 1/2" SS LAGS, 2 1/4" FROM CORNERS AND 12" O.C.
1" MIN EMBEDMENT (BY OTHERS)

B-1259 CURB FRAME

SHIM AS REQUIRED (BY OTHERS)

4" MIN
SEE NOTES 1 & 2

1 SYP
2X6 MIN.

1/2" FLASHING CLEARANCE
1 1/4"

CONTINUOUS 1/4" x 3/8" T-BOND II (V2200) STRUCTURAL GLAZING FOAM SPACER MANUFACTURED BY NORTON

SEALANT DOW CORNING 795 SILICONE (BY OTHERS)

OUTSIDE CURB DIM.


#14 x 3 1/2" LAG SCREWS
3" FROM CORNERS AND 8" O.C.

SECTION A

INSULATION


22 ga. STEEL DECKING


#12 X 2 1/2" DEKFAST
3" FROM CORNERS AND 6" O.C.

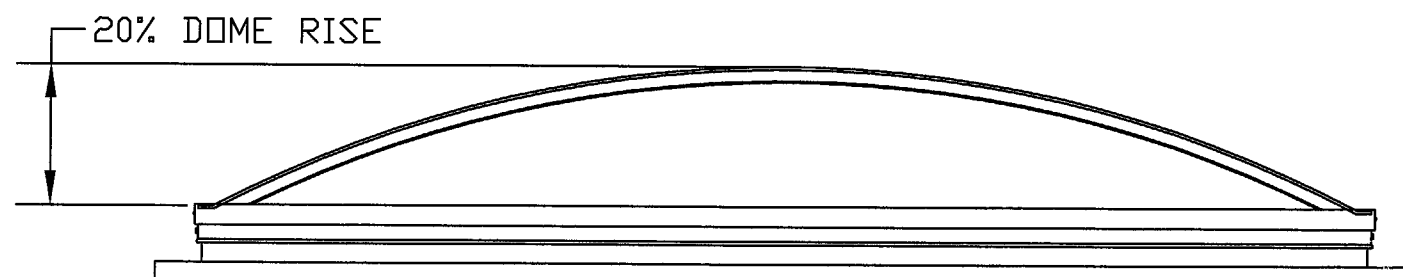
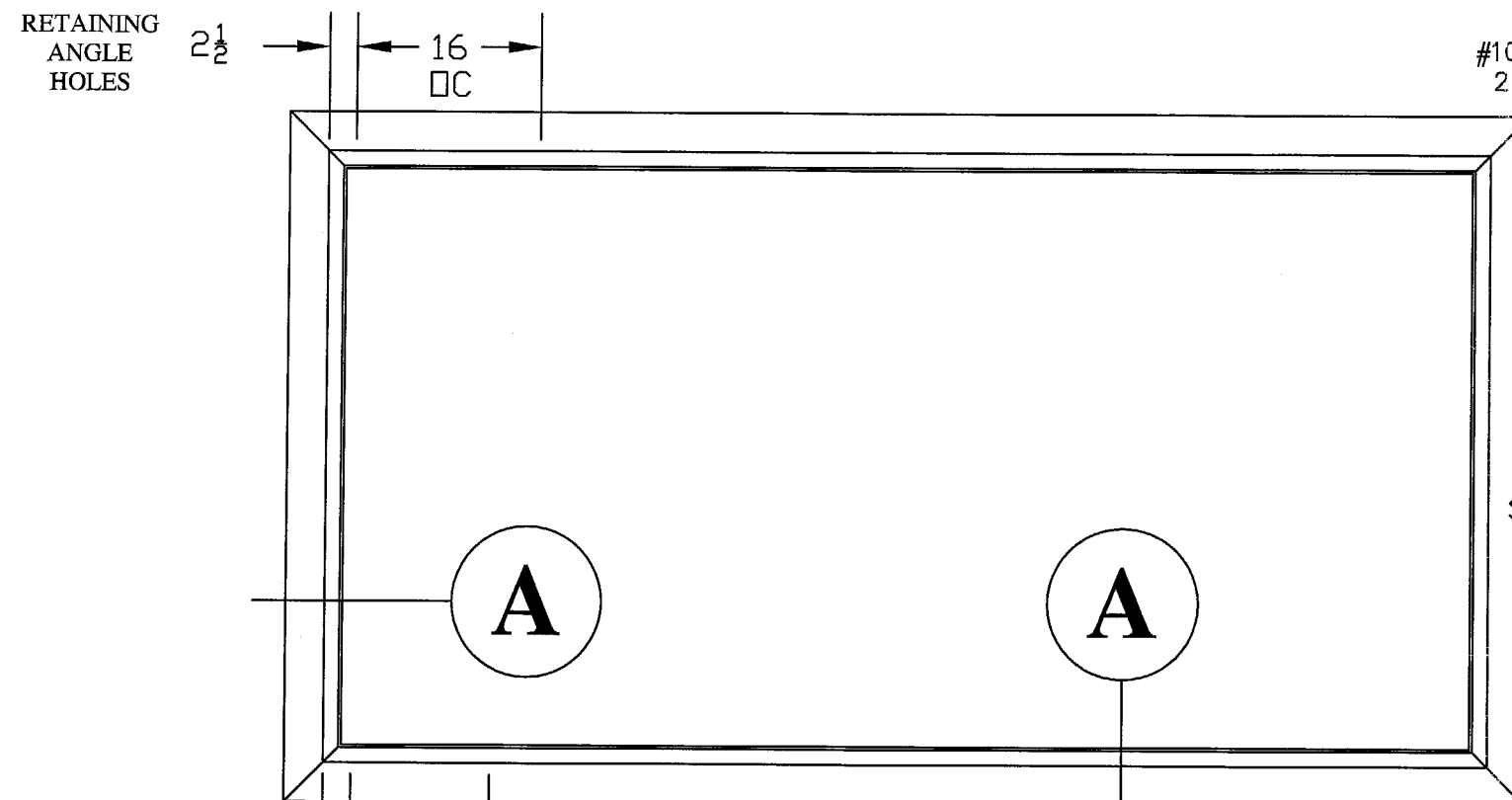
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 04-030201
Expiration Date 03/22/07
By 
Miami Dade Product Control
Division

David S Barron
21 Dartmouth Drive
Greensburg, PA 15601

License # 36374


10-29-03

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-051903
Expiration Date 03/22/04
By 
Miami Dade Product Control
Division



HRLDD

| | | | |
|---------------------|-----------|------|--|
| DATE: 10-16-03 | | | |
| DRAWN BY: REH | | | |
| DRAWING NO.: HRDADE | REVISIONS | DATE | |

HRLDD

NATURALITE
SKYLIGHT SYSTEMS
750 AIRPORT ROAD • TERRELL, TX 75160 • 972-551-6400

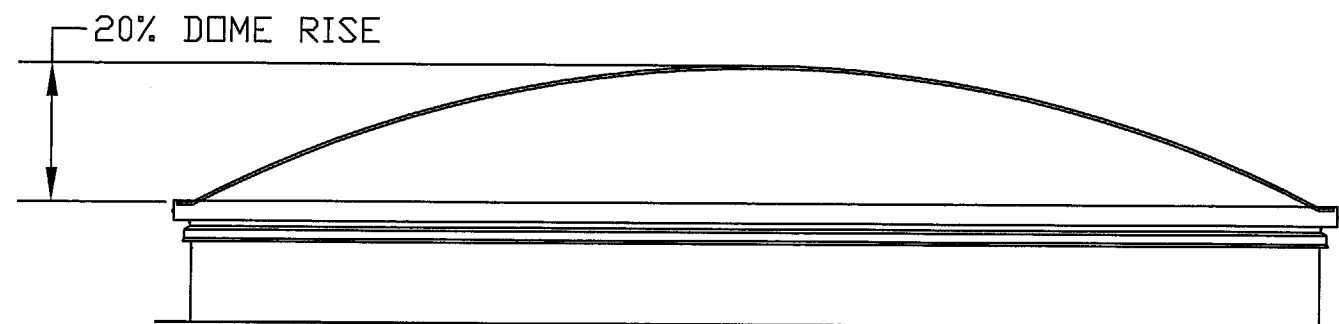
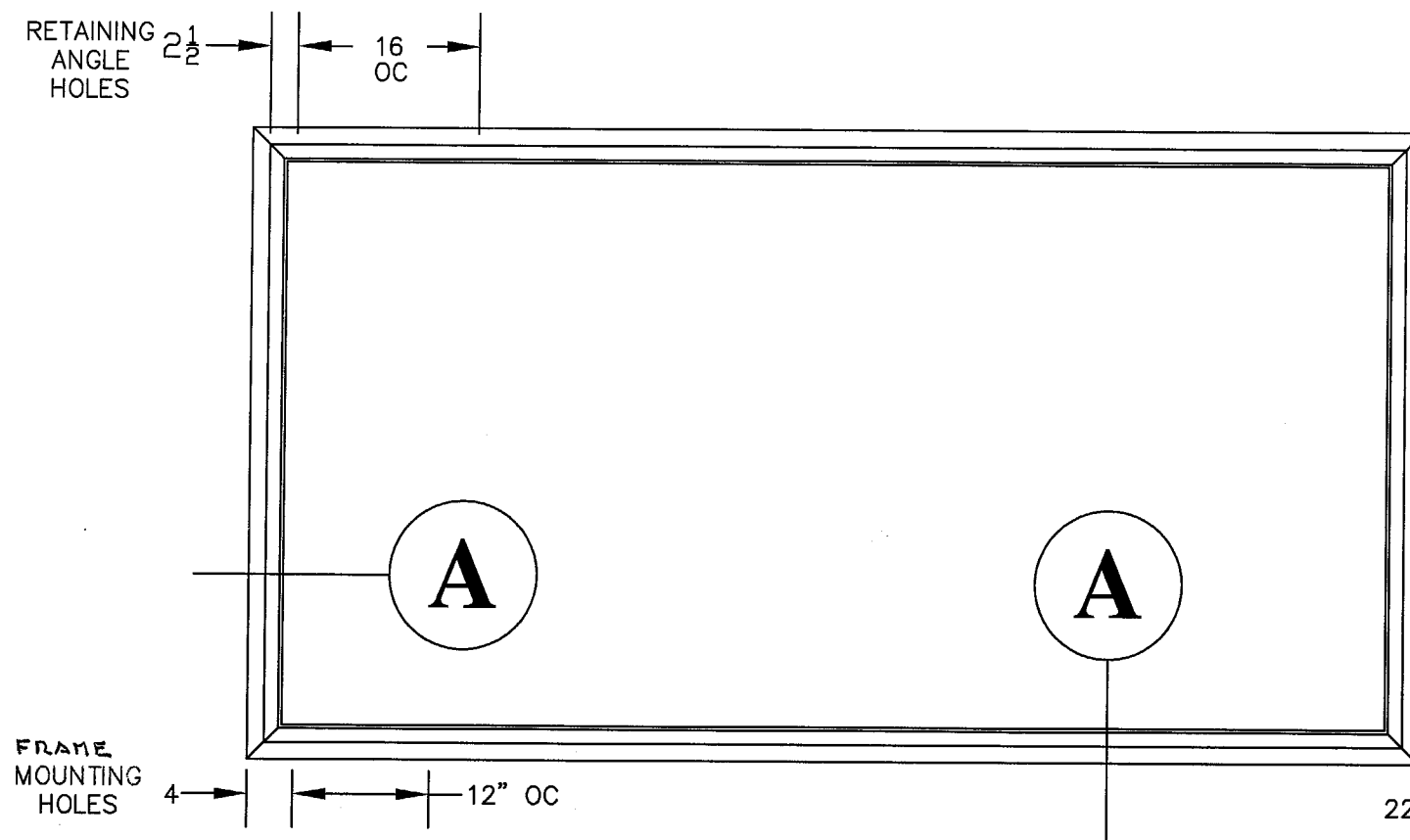
SHEET: 3
OF: 7

| STOCK NUMBER | INSIDE CURB DIMENSIONS | |
|----------------------|------------------------|-----|
| HRA 8399 | 80" | 96" |
| DESIGN PRESSURES | | |
| +20 | | |
| -60 | | |
| LARGE MISSILE IMPACT | | |

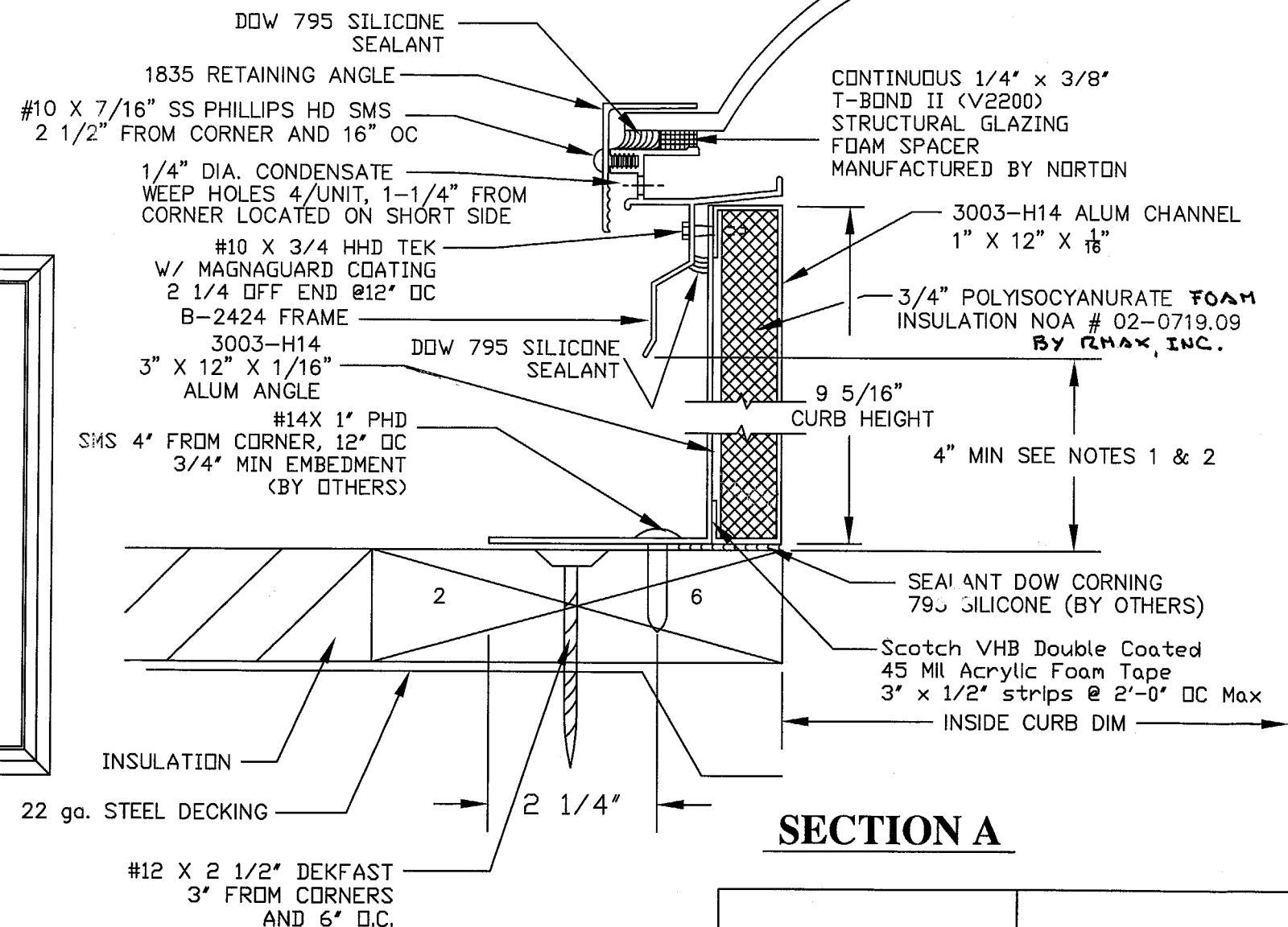
GENERAL NOTES

- 1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE.
- 2) 4" MINIMUM DISTANCE IS REQUIRED FROM ANGLE LIP TO ROOF SURFACE IS FOR SHINGLE OR B.U.R. WITHOUT INSULATION. FOR INSULATION AND TILE ROOF ADD TILE HEIGHT AND INSULATION THICKNESS TO 4" MINIMUM HEIGHT.
- 3) ANCHORS TO BE MADE OF NON-CORROSIVE MATERIAL, COMPATIBLE WITH ALUMINUM.

20% RISE 1/4" (100% DR) HIGH IMPACT "OPTIX" ACRYLIC MANUFACTURED BY PLASKOLITE INC. NOA # 03-0520.05



HRA



SECTION A

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 04-0302.01
Expiration Date 03/22/09
By Michael Dade Product Control
Division

David S Barron
21 Dartmouth Drive
Greensburg, PA 15601

License # 36374

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-0519.03
Expiration Date 03/22/09
By Michael Dade Product Control
Division

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SKYLIGHT SYSTEMS
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SHEET: 4
OF: 7

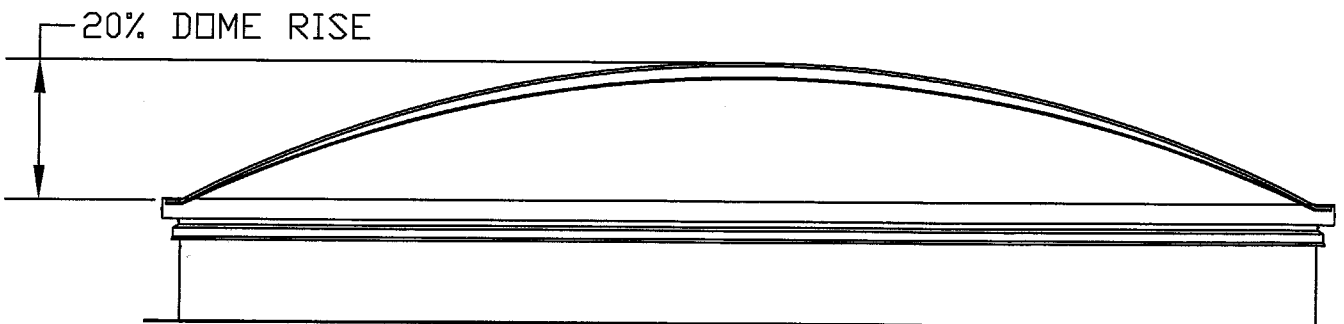
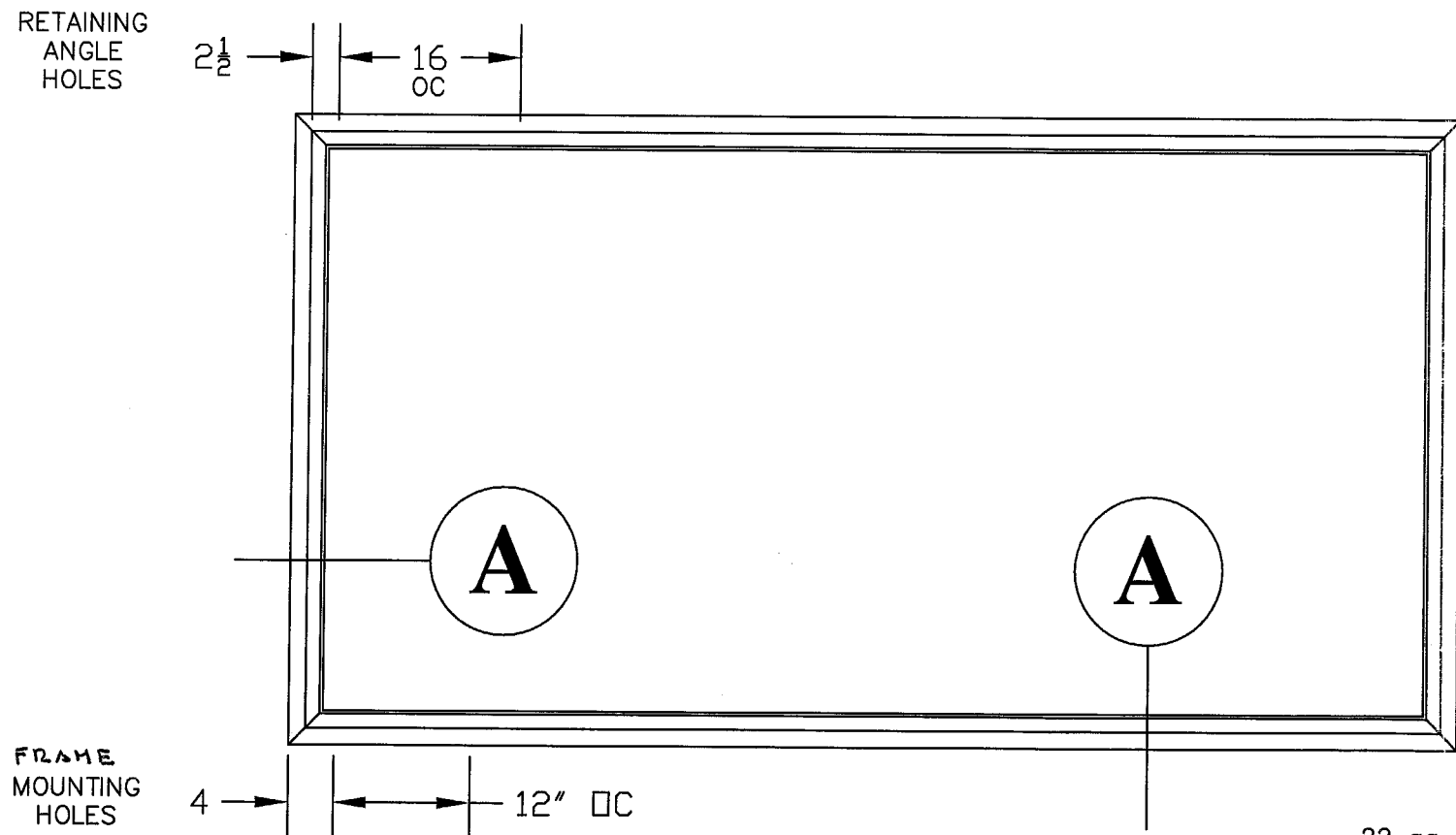
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| DATE: 10-16-03 | | |
| DRAWN BY: REH | | |
| DRAWING NO: HRDADE | REVISIONS | DATE |

HRA

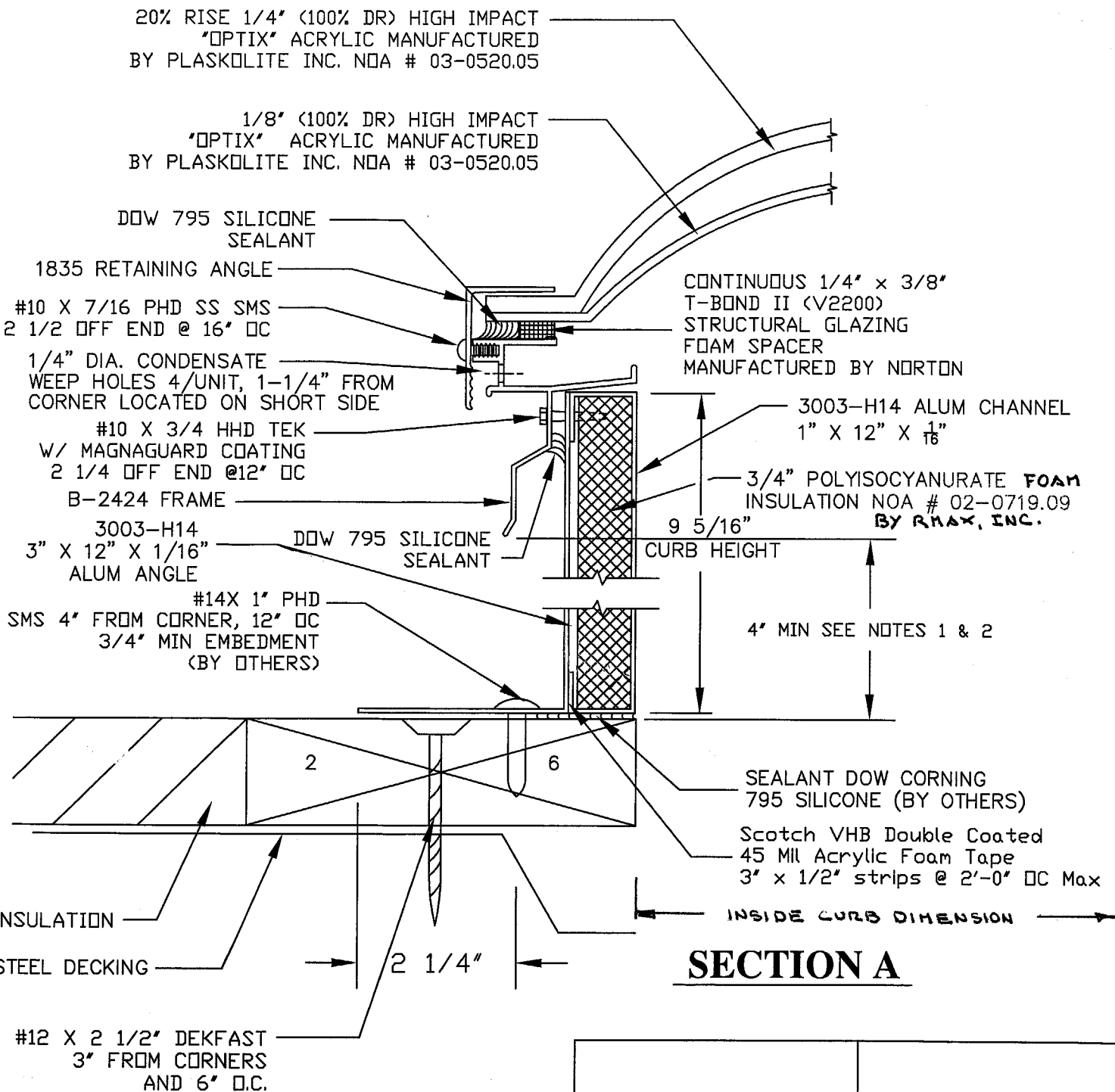
| STOCK NUMBER | INSIDE CURB DIMENSIONS | | |
|----------------------|------------------------|---|-----|
| HRADD 8399 | 80" | X | 96" |
| DESIGN PRESSURES | | | |
| +20 | | | |
| -60 | | | |
| LARGE MISSILE IMPACT | | | |

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- 1) ALL ROOFING DETAILS SHALL COMPLY WITH CHAPTER 15 OF THE FLORIDA BUILDING CODE.
- 2) 4" MINIMUM DISTANCE IS REQUIRED FROM ANGLE LIP TO ROOF SURFACE IS FOR SHINGLE OR B.U.R. WITHOUT INSULATION. FOR INSULATION AND TILE ROOF ADD TILE HEIGHT AND INSULATION THICKNESS TO 4" MINIMUM HEIGHT.
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HRADD



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 04-0302.01
Expiration Date 03/23/09
By [Signature]
Miami Dade Product Control
Division

David S Barron
21 Dartmouth Drive
Greensburg, PA 15601
License # 36374

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-0519.03
Expiration Date 03/22/09
By [Signature]
Miami Dade Product Control
Division

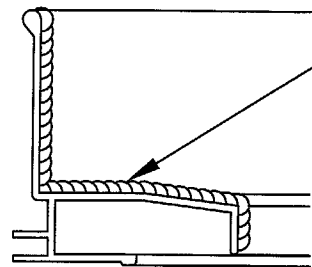
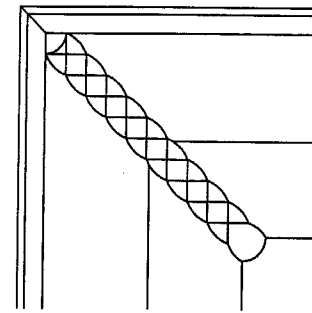
David S Barron
10-29-03

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|---------------------|-----------|------|--|
| DATE: 10-16-03 | | | |
| DRAWN BY: REH | | | |
| DRAWING NO.: HRDADE | REVISIONS | DATE | |

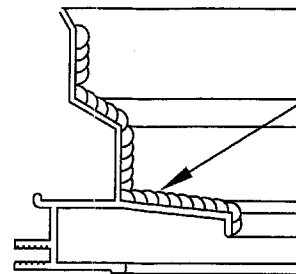
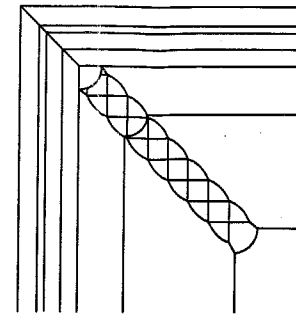
HRADD

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SKYLIGHT SYSTEMS
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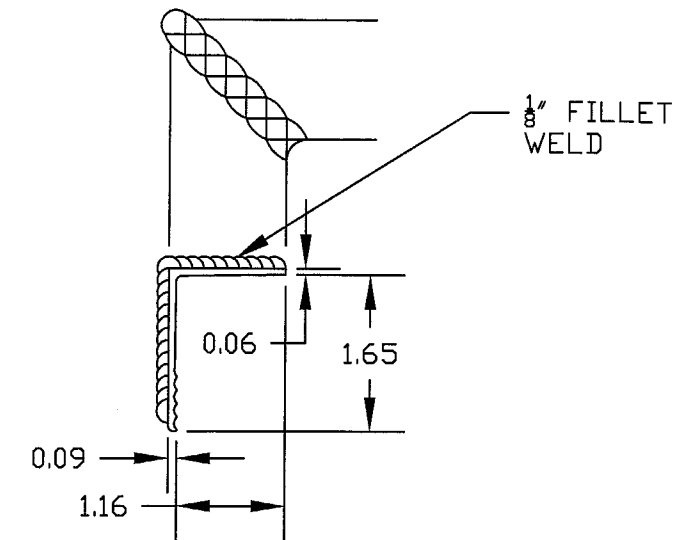
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OF: 7



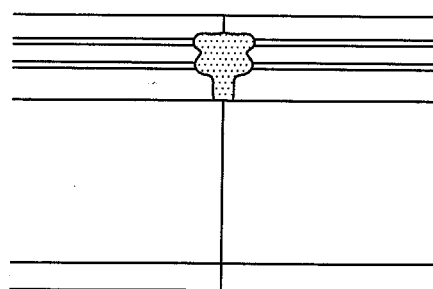
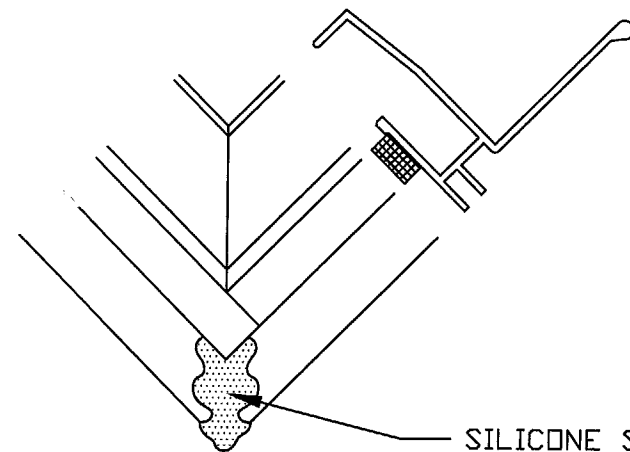
HRL / HRLDD CORNER WELD DETAIL



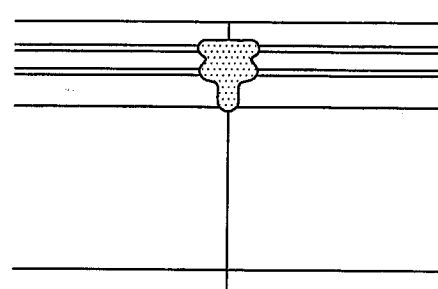
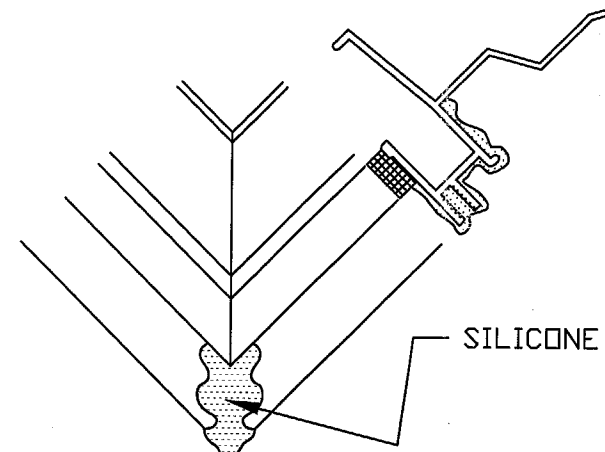
HRA / HRADD CORNER WELD DETAIL



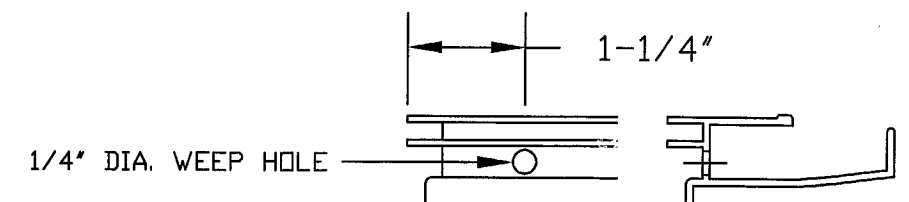
**A 1835 RET ANGLE CORNER WELD DETAIL
6063-T5 EXTRUDED ALUMINUM**



**HRL / HRLDD CORNER SEALANT DETAIL
B-1259 CURB MOUNT FRAME 6063-T5 ALUM ALLOY**



**HRA / HRADD CORNER SEALANT DETAIL
B2424 SELF FLASHING FRAME 6063-T5 ALUM ALLOY**



WEEP HOLE DETAIL

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 04-0302.01
Expiration Date 03/22/09

By:
Miami Dade Product Control
Division

David S Barron
21 Dartmouth Drive
Greensburg, PA 15601

License # 36374

PRODUCT REVISED
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By:
Miami Dade Product Control
Division

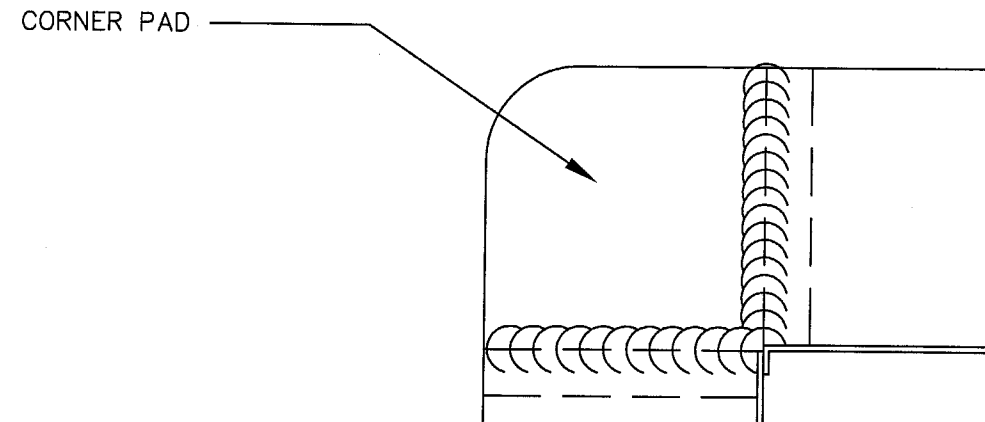
10-29-03

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|--------------------|-----------|------|
| DATE: 10-16-03 | | |
| DRAWN BY: REH | | |
| DRAWING NO: HRDADE | REVISIONS | DATE |

HR HURRICANE RESISTANT SKYLIGHT

NATURALITE
SKYLIGHT SYSTEMS
750 AIRPORT ROAD • TERRELL, TX 75160 • 972-551-6400

SHEET: 6
OF: 7



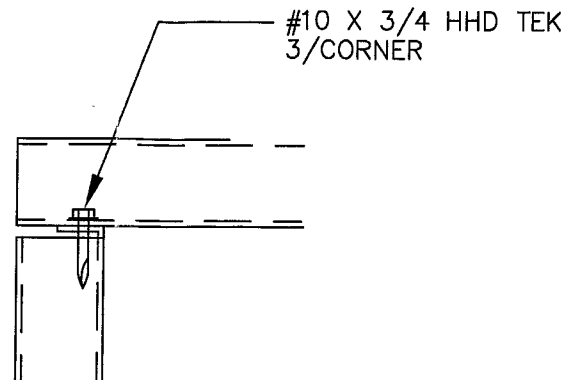
.063" 3003-H14
ALUM. S/M OUTER CURB WALLS

1/8" FILLET
WELDED CORNERS

1/16

3 1/32

12"



#10 X 3/4 HHD TEK
3/CORNER

.063" 3003-H14
ALUM. S/M INNER CURB WALLS

1/16

12"

3/4" POLYISOCYANURATE
INSULATION

15/16

Scotch VHB Double Coated
45 Mil Acrylic Foam Tape
3' x 1/2" strips @ 2'-0" OC Max

CURB ASSEMBLY

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 04-0302.01
Expiration Date 03/22/07

By [Signature]
Miami Dade Product Control
Division

David S Barron
21 Dartmouth Drive
Greensburg, PA 15601

License # 36374

PRODUCT RENEWED
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Acceptance No. 03-0519.03
Expiration Date 03/22/04
By [Signature]
Miami Dade Product Control
Division

David S Barron
10-29-03

| | | |
|--------------------|-----------|------|
| DATE: 10-16-03 | | |
| DRAWN BY: REH | | |
| DRAWING NO: HR8399 | REVISIONS | DATE |

HR HURRICANE RESISTANT SKYLIGHT

NATURALITE
SKYLIGHT SYSTEMS
750 AIRPORT ROAD • TERRELL, TX 75160 • 972-551-6400

SHEET: 7
OF: 7